

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

Applicant: **Shannon, et al.**

Case: **8756/ETCH/DICP**

Serial No.: **10/823,364**

Filed: **April 12, 2004**

Examiner: **Angadi, Maki A.**

Group Art Unit: **1765**

Confirmation No.: **4844**

Title: **PLASMA CONTROL USING DUAL CATHODE FREQUENCY MIXING**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

**RESPONSE TO FINAL OFFICE ACTION DATED OCTOBER 31, 2006**

In response to the Office Action dated October 31, 2006, having a shortened statutory period for response set to expire on February 28, 2007, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although the Applicants believe that no fee is due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 50-3562 for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.